Asset Types and Asset Codes
for
Information Technology Inventory Collection via ISIS

The Information Services Inventory System (ISIS) database is structured into three levels; namely Asset Group, Asset Type and Asset Code. There are currently **six** Asset Groups within the IT Inventory application; namely, End User Device, Mainframe, Minicomputer, Server, Software and Telecommunications. Each Asset Group supports distinctly different Asset Types, each falling into its appropriate category, as outlined below. Within each Asset Type, different Asset Codes are identified associated with products in use in the state. If an agency is using a new product, a phone call to GITA will update the Asset Code and add a new manufacturer. Use of OTHER is highly discouraged as it prevents meaningful searches across the database. Keep in mind that spelling, capitalization and blank spaces must be exact for ISIS to accept the item. Each of the supported Asset Types is listed below under the appropriate Asset Group.

Asset Group 1 - *End user devices*
It is presumed that each PC comes with a monitor, keyboard and mouse so only the PC itself is entered into the database. Printers, scanners, plotters, or storage that might be attached directly to the PCs are of interest; however, other peripherals need not be reported at this time. End user devices currently include the following asset types:

Asset Type - Laptop, currently includes the following Asset Codes:
- 486 or Older,
- Celeron,
- Pentium II
- Pentium 7

- AMD
- Itanium
- Pentium III
- Pentium M

- Cyrix
- Pentium
- Pentium 4 (not IV)

Asset Type - MAC, currently includes the following Asset Codes:
- Desktop,
- Laptop
- Other

Asset Type - Network computer, defined to be a lightweight computer system operating exclusively via a network connection so has no secondary storage and boots off the network but runs applications locally (also known as a thin client), currently includes the following Asset Codes:
- AMD
- 486 or Older
- Pentium 4 (not IV)
- Pentium III
- Thin Client

- Celeron
- Itanium
- Pentium II
- Pentium D

- Cyrix
- Pentium
- Pentium Pro
- Pentium 7

Asset Type - Net PC, currently includes the following Asset Codes:
- AMD
- 486 or Older
- Pentium 4 (not IV)
- Pentium III
- Thin Client

- Celeron
- Itanium
- Pentium II
- Pentium D

- Cyrix
- Pentium
- Pentium Pro
- Pentium 7

Asset Type - PDA, currently includes the following Asset Codes:
- Visor
- Pocket PC

- Blackberry

- Palm Pilot

Asset Type - PC, currently includes the following Asset Codes:
- 486 or Older
- Cyrix
- Pentium III
- Pentium
- Pentium V

- AMD
- Itanium
- Pentium 4 (not IV)
- Pentium D

- Celeron
- Pentium II
- Pentium Pro
- Pentium 7

Asset Type - Plotter, currently includes the following Asset Codes:
- Plotter   Other

Asset Type - Printer, currently includes the following Asset Codes:
- o Color Laser   Color Dot Matrix   Color Ink Jet
- o Dot Matrix   Ink Jet   Laser

Asset Type - Projector, currently includes the following Asset Codes:
- BoxLight   InFocus   Proxima
- Sharp   H-P   Other

Asset Type - Scanner, currently includes the following Asset Codes:
- Scanner   Visioneer   Other

Asset Type - Storage, currently includes the following Asset Codes:
- Zip Drive   Cruiser   Other
- Data Cartridge

Asset Type - Terminal, currently includes the following Asset Codes:
- Terminal   Other

Asset Type - Unix Workstation, currently includes the following Asset Codes: Other

Asset Groups 2-4 *- Mainframes, Minicomputers, and Servers*

At this time, GITA does not require data about additional hardware attached to these devices. It is assumed that each device has DASD, tape drives, and other associated peripheral equipment. Agencies do not have to input additional hardware information into the system unless of benefit to them. This requirement may change in future years; however, the intent is to expand the areas of newest technology and move the state agencies away from the older equipment.

Asset Group 2 - Mainframe currently includes only two *Asset Types*: CPU and Other.
Asset Code - CPU includes   EX 80   z900   Other

Asset Group 3 - Minicomputer currently includes only two *Asset Types*: CPU and Other.
Asset Code - CPU includes   AS/400   Escala D400   VS7310

Asset Group 4 - Server currently includes four Asset Types: MAC, UNIX, WinTel (Intel server using Windows operating system) and Other.

Asset Type - MAC includes Asset Codes: CPU   Other

Asset Type - UNIX includes Asset Codes: CPU   Other

Asset Type - WinTel includes the following Asset Codes:
- 486 or Older   AMD   Celeron
- Cyrix   Itanium   Pentium II
- Pentium III   Pentium 4   Pentium Pro
- Pentium   Thin Client   Xeon

Asset Type - Other includes the following Asset Codes:
- o CPU   Other   SAN

Asset Group 5- *Software*

Software may be reported in aggregate, although the ISIS application is also designed to allow individual licenses to be maintained. Whether to maintain the licenses is currently left to the discretion of the agency. Current software Asset Types are structured in the following manner:

Asset Type - Graphics which includes the following Asset Codes:
- o AutoCAD LT   AutoCAD Symbols   Canvas
- o Corel   Creative Labs   Draw
- o Illustrator   Image Ready   MS Picture It
- o Paint Shop Pro   Persuasion   Photoshop
- o Visual Info

Asset Type - Terminal Services which includes the following Asset Codes:
- o Citrix XPE   Envoy Viewer   Metaframe
- o OmniPath   Windows2000

Asset Type - Business Continuity/Disaster includes the following Asset Codes:
- • Compas   LDRPS

Asset Type - BackOffice Server (MicroSoft's suite of server products) includes the following Asset Code: BackOffice Server

Asset Type - Web Development includes the following Asset Codes:
- o Enterprise Architect   Flight Check   Framework.Net
- o FrontPage   Home Site   InterDev
- o MSDE   MSDN   SoftArtisans FileUp
- o Sun   Visual Studio.Net   XML Authoring

Asset Type – Publishing includes the following Asset Codes:
- o Destinations Invest Learning FileNet   Framemaker
- o GED 2001   Publisher   Quark
- o Q&A for DOS   Q&A for Windows

Asset Type - Multimedia (Products combining text and sound and/or motion video) includes the following Asset Codes:
- o Authorware   Dreamweaver   Fireworks
- o Flash   Shockwave

Asset Type - Asset/Network Mgmt includes the following Asset Codes:
- o AssetCenter   Asset Insight   Audit Wizard
- o Ghost   InfraTools Desktop Discovery
- o InfraTools Network Discovery   ManageWise/ZenWorks
- o Microsoft   Novell Intranetware Open View
- o ServiceCenter   SMS   Symantec
- o Track-It!   Unicenter

Asset Type - Anti Virus includes the following Asset Codes:
- o Active Virus Defense   Adaware   Cheyenne
- o Giant   McAfee Virus Scan   NA Virus Scan
- o Norton Anti-Virus   Pest Patrol   Spybot
- o Webroot   Symantec   Wasp

Asset Type - Database includes the following Asset Codes as well as GIS products:
- o ADABAS   Alpha   ArcGIS
- o ArcInfo   ArcMap   ArcView
- o Datacom   DB2   IDMS
- o Impact   IMS   Informix
- o OMNIS   Open PACE   Open Source
- o Oracle   PACE   Personal Edition 1
- o Professional Records Mgr   Progress   RBase
- o SQL Server   SuperBase   Sybase
- o 4D Server

Asset Type - Desktop Database includes the following Asset Codes:
- o Approach
- o Filemaker Pro
- o SQL

Dbase
FoxPro

Desktop Pro
InterBase

Asset Type – Diagramming includes the following Asset Codes:
- o DocuWare
- o PageMaker

FlowCharting PDQ
Planix

Org Plus
Visio

Asset Type – Document Mgmt includes the following Asset Codes:
- • OnBase

Visual Vault

Asset Type - Enterprise Agreement (Software volume licensing agreements) includes the following Asset Code: Microsoft

Asset Type - E-mail System includes the following Asset Codes:
- o CC:Mail
- o Lotus Notes
- o Other POP3

Exchange
Netscape
Outlook Express

Group Wise
Oprofile

Asset Type - Help Desk includes the following Asset Codes:
- o Heat
- o RoboHELP

PCAnywhere

Remedy

Asset Type - Office Suite Components includes the following Asset Codes:
- o Access
- o Excel
- o Outlook
- o Presentations
- o WordPerfect

Dashboard
Freelance Graphics
Paradox
Quattro Pro
WordPro

DataPerfect
Lotus 1-2-3
PowerPoint
Word

Asset Type - Office Suite includes the following Asset Codes:
- o Novell Perfect
- o Office XP
- o Office 8
- o SmartSuite

Office Other
Office 2000
Office 95
WordPerfect Office

Office Pro
Office 2003
Office 97

Asset Type - Operating Systems includes the following Asset Codes:
- o AIX   DOS
- o LINUX
- o MVS
- o OS/2 Warp
- o Solaris
- o VM
- o Windows NT TSE 4.0
- o Windows XP
- o Windows 3.x

HP-UX
MAC OS
NetWare
OS/390
SunOS
Windows CE
Windows NT 3.5
Windows 2000
Windows 95

IntranetWare
mpe/ix
Open/VMS
OS/400
UNIX-Other
Windows ME
Windows NT 4.0
Windows 2003
Windows 98

Asset Type – Other includes the following Asset Codes:
- o Calendar Creater Plus
- o Munis
- o OmniPage Pro
- o Resumix
- o Streets & Trips

Housing & Dev
Netbackup
PayTrain
ScanSoft
TestOut

Interaction Center
Newsletter Manager
PDF Converter
Skill Vantage Manager

Asset Type - Program Lang/App includes the following Asset Codes:
- o Acrobat
- o Alpha A
- o Aspect
- o Basic
- o C#
- o Condor
- o DataFlex
- o Discoverer
- o Fortran
- o IEF Composer
- o Kommand
- o PL/I
- o RPG
- o SPSS
- o Visual Fortran
- o Visual Source Safe
- o XBasic

- Allfusin
- APL
- Assembler
- C
- COBOL
- Crystal Reports
- Delphi
- EDMS
- GQL/SQL
- Internet Developer
- Natural
- PL/SQL
- Smalltalk
- Visual Basic
- Visual FoxPro
- Visual Studio
- XML

- Alpha
- Arc Macro Language
- Avenue
- C++
- Cold Fusion
- Database Diagnostic Tuning
- Designer
- Forms/Reports
- Ideal
- JAVA
- Oracle Server
- Power Builder
- SQL
- Visual C++
- Visual J++
- Wylbur/Mark IV

Asset Type - Project Management includes the following Asset Codes:
- • Project   Other

Asset Type – Security includes the following Asset Codes:
- o BT-Log-BT-Filter
- o Firewall
- o Tovaris

- CISCO Secure ACS
- GFI Mail Essentials

- Encription
- Intrusion Detection

Asset Type - Software Development includes the following Asset Codes:
- o Crystal Decisions
- o PowerBuilder

- IMSI

- NetIQ

Asset Type - Terminal Emulation includes the following Asset Codes:
- o Attachmate
- o NetManage
- o Rumba

- Embedded
- PC3270
- 3270-Other

- Extra
- Personal Communications

Asset Type - BackOffice User includes the following Asset Code: User CALs

Asset Type - BackOffice Component User includes the following Asset Codes:
- o Exchange CAL
- o SQL CAL

- Sharepoint CAL
- Windows CAL

- SMS CAL

Asset Type - BackOffice Component Server includes the following Asset Codes:
- o Exchange
- o SNA

- Sharepoint
- SQL Server

- SMS
- Windows

Asset Type - Server License includes the following Asset Codes:
- o Biztalk
- o Content Mgmt Server
- o ISA
- o Sharepoint
- o SQL
- o Windows

- Blackberry
- Exchange
- Optical
- SMS
- Veritas Backup Exec

- Commerce
- Host Integration Server
- Right Fax
- SNA
- What's Up Gold

Asset Type - Freeware includes the following Asset Codes as well as Acrobat Reader:
- o Acrobat Reader
- o New Zip
- o ScreenSeize

- ErgoSmart
- Print Now

- MediaPlayer
- RealPlayer

Asset Type - User CALs (Client access licenses) includes the following Asset Codes:
- Exchange   Extranet   Sharepoint
- SMS   SNA   SQL
- Windows

Asset Type – Utilities includes the following Asset Codes:
- Acrobat   Adaptec   Avery Dennison
- Audition   BrightStor   Creative Suite
- Diskeeper   JIRA WIN   Netbackup
- Roxio Easy CD   SanSoft   WinZip

Asset Type - Web Server includes the following Asset Codes:
- Apache   IIS   Internet Explorer
- Netscape

Models and Software Versions

Particular hardware models or software versions are included in the Asset Code field and are built into the standard naming conventions used in the ISIS application drop-down lists. Please refer to the *FY07 IT Inventory Manufacturer Names* document on the website for a complete listing and exact spelling of current manufacturers when automatically uploading data into ISIS. Both the Model and Version fields are provided in the ISIS application for agencies' use, but are not required fields.

Asset Group 6 - *Telecommunications*

Telecommunications Asset Group currently includes the following Asset Types:

Asset Type - ATM Switch includes the following Asset Codes:
- ASX1000   Centillion   ITN
- LS1010   5000   5500
- 8200   8400   8600
- 8800

Asset Type - Bridges includes the following Asset Codes: IBM 2809   Other

Asset Type - CSU/DSU includes the following Asset Codes: CSU/DSU   Other

Asset Type - Data Switch includes the following Asset Codes:
- Accelar   Accelar 1200   Advanced Stack
- BayStack   CAT 5500   C2924
- Fast Etherlink XL   FE104   J4121A
- LinkSwitch   PIX   Pro 16
- SuperStack II   Switch 1000   Token Ring
- 1200   1500   1900
- 2200   2500XL   2800
- 28000   28115   28115/ADV
- 2900   2908   2912
- 2916   2924   2950
- 301   3300   350T
- 3500   3500XL   3512
- 3524   3524 XL   3524 XL-A
- 3548-XL   3550   3920
- 4000   4500   5000
- 58000   6006   6009
- 6503   6506   6509
- 6513   8500

Asset Type – Firewall includes the following Asset Codes:
- Barracuda

Asset Type – Gateways includes the following Asset Codes:
- Fax/Print   Gateway Option 3.0   SAA Gateway
- 1600

Asset Type – Hubs includes the following Asset Codes:

Advanced Stack	BayStack	B16 Token Ring
CAT 1400	CG1001E01	DE809TC
ES3810	EtherFast	Fast 300
FMS	Hub Plus	HUB 8/TPO
J2600A	J2610B	J2611A
LANPlex	LattisHub	LattisNet
LinkBuilder	MMAC TPMIM-24	Multigate Hub
SMAU 16A	SuperStack II	TD841002
TP/12	102	150
1700	1924	2715
2800	2803	2804
2813	2814	28200
3000	3030	3900
3920	5005	5209
7700	8228 MAU	

Asset Type - Microwave covers includes the following Asset Codes:
- Microwave System   Other

Asset Type - Other includes the following Asset Code: Other

Asset Type - Other Switch includes the following Asset Codes: KVM Switch   Other

Asset Type - Private Internet Exchange includes the following Asset Code:
- Compaq MSA1000

Asset Type – Routers includes the following Asset Codes:

AN	NetServer	Star Router
10000	10720	12000
1600	1601	1602
1700	1721	1751
1760	2500	2501
2502	2503	2513
2515	2519	2524
2600	2610	2611
2621	2691	2760
3000	3030	3600
3640	3661	4000
4500	4700	6611
7000	7200	7300
7500	7507	7513
7600		

Asset Type - Voice End User Device includes faxes as well as the following Asset Codes:
- Fax Machine   IP Phone Handset   Phone
- Softphone   TDM Phone Handset

Asset Type - Voice Power Equipment includes UPS as well as the following Asset Codes:
- Generator   UPS   -48 V Battery

Asset Type - Voice Equipment includes the following Asset Codes:

- o Call Center System   Dial Up   IP-PBX
- o Key System   MSL-100   Multiplexer/Channel Bank
- o TDM/PCM PBX   Tele-management System
- o Voice Mail System